

AMENDMENTS TO THE CLAIMS

In the claims, please amend claim 1 as follows:

1. (previously presented) A process for delivering a naked polynucleotide into a cell of a mammal to inhibit protein expression, comprising:
  - a) making the naked polynucleotide consisting of a sequence that is substantially complementary to a nucleic acid sequence in the mammal;
  - b) inserting the naked polynucleotide into a vessel in the mammal, wherein the vessel consists of arteries, arterioles, capillaries, venules, sinusoids, veins, lymphatics, and bile ducts;
  - c) increasing the permeability of the vessel within the target tissue; and,
  - d) delivering the naked polynucleotide to the cell wherein the protein expression is inhibited.
2. (canceled)
3. (previously presented) The process of claim 1 wherein increasing the permeability of the vessel consists of increasing pressure against vessel walls.
4. (original) The process of claim 3 wherein increasing the pressure consists of increasing a volume of fluid within the vessel.
5. (original) The process of claim 4 wherein increasing the volume consists of inserting the polynucleotide in solution into the vessel.
6. (original) The process of claim 1 wherein the vessel consists of a tail vein.
7. (original) The process of claim 1 wherein the vessel consists of a bile duct.
8. (previously presented) The process of claim 1 wherein the cell is a cell selected from the group consisting of liver cells, spleen cells, heart cells, kidney cells, striated muscle cells, and lung cells.
9. (original) The process of claim 1 wherein the polynucleotide consists of RNA.
10. (canceled)
11. (canceled)
12. (canceled)